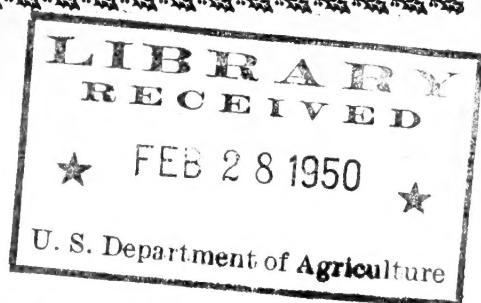


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MUM LIST

1950 Chrysanthemums



IF. A. SPIVIEY

"The Chrysanthemum Man"

P. O. Box 574

Montgomery, Ala.

Preface

TO MY MANY FLOWER-MINDED FRIENDS AND CUSTOMERS: According to the calendar another year is here, but to me since our past mum season was so long (I gathered a few late mums right before Christmas) that hardly seems possible. However, since time does fly I find I am faced with the job of getting out another catalogue—adding a few that I liked the past year and dropping a few that I thought did not deserve keeping (in my opinion of course, so don't take any omissions as conclusive evidence that they are not good. In your locality some varieties that I have dropped may do unusually well).

Last year you will note (I hope) that I reported trouble with my plants growing nicely—but with only an apology for a root system. Well, the past year I did not have this trouble, but did run up against another kind of trouble—the need for sterilizing or fumigating the soil where mums (or any other crop for that matter) have been grown for a number of years (as in my case). I found that where mums have been grown a number of years on the same soil the sub-soil population of microscopic insects and fungus spores reaches such a point that it is almost impossible to carry the mums on to blooming time in the fall—many will die before that stage is reached, and this in spite of any amount of spraying or dusting you may do on the plant above the ground level. One line of thought adhered to by many of the learned botanists is that these so-very-small insects do not do so much damage to the root system themselves, but by breaking the seal on the root system when they puncture the root to feed on the sap, they afford the ever-present fungus spores a chance to enter the root system. Now I do not profess to be competent to pass upon the correctness (or lack of correctness) of these professors, but I do know that quite often when a hot spell follows immediately after a rainy spell (which often happens at some time during the summer) the fungus that has in some manner gained access to the root system grows very fast, and some afternoon when you look over your mum garden you will note numerous plants wilted as though starved for water. This you know can not be true, as the ground will probably be wet. Upon examination you will find the entire root system rotten (a dry rot) and the plant left sitting on top of the ground so to speak. This is the work of the fungus *FUSARIUM*, and it is principally to control it that I am experimenting with six different chemical preparations this year, trying to find some good, effective, practical and fool-proof method of sterilizing or fumigating the soil. There are a number of preparations put out by the insecticide manufacturers, and I am trying out what I consider the most promising six. Next year I hope to be able to pass along some valuable information in this regard, but right now can not make any recommendations, although I am fairly sure a number of my customer-friends who have been growing their mums on the same soil for a number of years, have experienced the same trouble. In passing, I might comment that the greenhouse people have a somewhat easier problem in that they can change the soil in their beds, or use steam to sterilize the beds since steam is usually available in a greenhouse. However, the real “dirt” flower grower is not so fortunate and must depend on some chemical preparation to put in the soil to rid his garden of microscopic insect pests, principally nematodes.

I am enclosing a little leaflet on spraying or dusting

mums above the ground, and hope next year to be able to go a little further and add some suggestions on what to do to the soil so the plants will not have to contend with insects below the ground as well as above ground. Of course if you are able to grow your mums on fresh soil each year you probably won't be bothered with root-rot (*Fusarium*), but to those who are not so fortunate (and I am in that class) I say you may just as well make up your mind that you will have to control sub-soil microscopic insects by some means or other, or get few plants to the blooming stage in the fall.

Last year I got out my catalogue somewhat earlier than usual, and encouraged by the response I received, this year I am getting it out even earlier. Now such early action on my part I think deserves a fair return—so IF YOU ARE GOING TO ORDER ANY MUMS THIS YEAR, SEND IN YOUR ORDER EARLY, as the word "BUSY" is a rank understatement of my activities during shipping season.

Blooming dates are very much desired by most people who grow mums outside (as most of my customer-friends do), and I have included them. However, they are approximations only and I have leaned over backwards in trying not to convey the wrong impression as to blooming dates. If there is any error it will be that the variety blooms **earlier** (not later) than the date I have given. In figuring blooming dates for your locality, remember the blooming date advances as one goes north and recedes as one goes south. For instance a variety in full bloom here will not reach a similar stage in New Orleans until a week later. This should enable you to adjust the dates to your locality.

Delivery will be made this spring—from the last of March on, and will consist of small "plants"—not "rooted cuttings" that require potting up and growing on some time before they can be set in their permanent location. My plants can be set in their permanent location outside promptly on arrival. They will be shipped bare root, wrapped in damp moss and then carefully packed in excelsior.

I realize that there seems to be a kind of "racket" in the mum business, and that quite often when you order a very definite variety, and give the plants unusually good attention during the growing season, you may be rewarded in the fall by very inferior blooms—undoubtedly not the variety you ordered although the plant bore the correct name on the label. Unfortunately nature seems to have unintentionally aided in this "racket," as with few exceptions it is impossible to tell one variety from another in the young plant or cutting stage. Fully realizing this I have resolved to make my little mum business unique in that you will get what you order, or if you permit substitutions to correctly label the plant or plants I ship. Most of my business now is repeat orders—so that policy must be appreciated by discriminating flower-friends.

To carry out this policy it is necessary that I personally gather, label, pack and ship each order myself (which necessarily limits it to a small volume), and in return I would appreciate a postcard stating the condition of the plants on arrival, as well as any suggestions you may have towards improving my packing methods. (I have received some good suggestions from customers).

However, being human, an occasional error will occur, and in such cases I would prefer to know about it—rather than be judged guilty of deliberate mis-labeling.

Now this careful packing takes TIME, MATERIAL and STAMPS for parcel post, as all small orders will go

forward by prepaid parcel post (large orders at special prices will go by express, COLLECT). To cover this expense I am asking each customer to add 50c to the total of the order when the same is \$5.00 or less to cover transportation and packing costs. In cases where the order runs from \$5.00 to \$10.00 please add 75c to the order, and \$1.00 when the order amounts to more than \$10.00. I practically always include a few plants gratis with each order, so you will be well repaid for this small additional charge.

If interested in quantity, most standard and not-too-scarce varieties can be furnished in lots of 25 or multiples thereof of one variety at around 12½ cents each, but please write me first the varieties you want and how many of each variety, before you order in quantity as some varieties are slow propagators and I could not supply them in quantity at any price. Similarly, dozen lots can usually be shipped at 15 cents each—that is at least a dozen of one variety, but again I must know in advance what varieties you wish a dozen plants of.

Now about the English chrysanthemums we have been hearing so much about the past year or two. It seems they came over from England to western Canada a few years ago, and from there spread over the United States. Even as late as 1941 few varieties were outside the State of Washington. Since then they have moved fast and with ever increasing popularity in the central and northern states. This popularity is largely due to the fact that most of the English varieties bloom well in advance of the really "big" mums seen in the florists' windows each fall. Consequently, in localities where the real large mums cannot be grown outside (without considerable protection) the English strain will often mature blooms, and while these blooms are not quite as large as the "exhibition" or "football" types they do afford fairly large blooms in localities where the truly "big" mums can not be grown outside. That I think is the principal reason for their popularity, as in the far south (where exhibition varieties can be grown outside) the English varieties are not nearly so popular. I know because I ship mum plants all over the United States, and I do not ship nearly as many to the extreme southern tier of states as farther north. However, since they do fill a distinct need in certain sections where earliness is important, I imagine I will add a few from time to time and likewise drop a few. For reasons stated I am not overly fond of them and will never let them replace the old tried and true varieties—such as the Turners, Fricks, etc. Another reason against them—for some reason I have never been able to figure out there is a swarm of new varieties introduced each year now by different growers, and with a complete disregard of logic they have been given the same names as our old standard varieties. For instance there is an English Quaker Maid (red) which I won't list as everyone knows the real Quaker Maid is an early white standard. Similarly, there are scores of duplication of names, and I won't clutter my catalogue up with duplicate names—it is hard enough now to keep varieties separate. I wrote and asked one grower about the duplication of names and he said he guessed the English just didn't know any better, but those were the names he bought them under in England. Anyway, you know how I feel about the duplication of names.

During my over 15 years experience in dealing with the public I have found only rare instance of dishonesty—practically all people who grow flowers are scrupulously honest, but in order to protect myself in these rare instances I wish it distinctly understood that I give no warranty expressed or implied, as to description, quality

or productiveness of any plants I send out.

With the above explanation and under the conditions stated, I am offering limited quantities of the mum varieties listed within.

F. A. SPIVEY

P. O. Box 574, Montgomery, Alabama

P. S.—As a personal favor to me, after you have signed your name, PLEASE print your name immediately underneath the written signature. I have lost far too much religion trying to figure out people's names, and I am sure you will agree that none of us have any religion to lose.

P. P. S.—I have received a world of comment on the above postscript, but I still stick to my guns that nothing makes me lose my religion quicker than trying to figure out a half-legible signature, so I am leaving it in again.

LARGE-FLOWERING (standards, commercials and exhibitions).

White

Variety.	Blooming date (approx.)	Price each.
QUAKER MAID, formal, incurved.....	Oct. 18	25c
EARLY QUALITY, formal, incurved.....	Oct. 20	25c
CHRISTINA, medium-sized, incurved.....	Oct. 20	25c
WHITE ENCHANTRESS, semi-incurved.....	Oct. 25	25c
WHITE EAGLE, large, reflex.....	Oct. 28	30c
WHITE AMBASSADOR, large, formal, incurved.....	Oct. 28	30c
CAMILLA, incurved, large.....	Oct. 30	30c
SILVER SHEEN, large, formal, incurved.....	Oct. 30	25c
MRS. HENRY R. REA, large, formal, incurved.....	Oct. 30	25c
WHITE CLOUD, large, loosely incurved.....	Oct. 30	25c
OCONTO, tall, large round ball.....	Nov. 1	25c
ALBATROSS, large, formal, incurved.....	Nov. 3	25c
IVORY WHITE, waxy white, incurved.....	Nov. 5	25c
BETSY ROSS, large, formal, incurved.....	Nov. 10	25c
WM. TURNER, huge, exhibition, incurved.....	Nov. 10	30c
SNOW WHITE, very large, formal, incurved.....	Nov. 15	30c
INDIANAPOLIS WHITE, large, semi-incurved.....	Nov. 15	30c
Mt. ETNA, large, formal, incurved.....	Nov. 20	25c
WHITE MEFO, tall, very large, incurved.....	Nov. 25	25c
MARKETEER, very large, formal, incurved.....	Nov. 25	25c
WHITE HELEN FRICK.....	Nov. 25	25c
WHITE MONUMENT, tall, large, formal, incurved.....	Nov. 28	25c
WHITE CHATTANOOGA, tall, large, incurved.....	Dec. 5	25c
DECEMBER GLORY, large, incurved.....	Dec. 5	25c
WHITE MISTLETOE, large, semi-incurved.....	Dec. 20	25c
SMITH'S LATE WHITE, large, incurved ball.....	Dec. 20	25c

(Be sure to include packing and parcel post charges)

Yellow

Variety.	Blooming date (approx.)	Price each.
GOLD LODGE, clear yellow, semi-reflex.....	Oct. 15	25c
CELESTRA, lemon yellow, incurved.....	Oct. 20	25c
MRS. H. E. KIDDER, large, incurved.....	Oct. 22	25c
TINTS OF GOLD, bronzy-yellow, reflex. Excellent.....	Oct. 25	30c
YELLOW EAGLE, large, clear yellow, reflexed.....	Oct. 25	30c
BUTTERBALL, round ball, clear yellow.....	Oct. 28	25c
YELLOW AMBASSADOR, large, formal, incurved.....	Oct. 28	30c
SUNGLOW, large golden yellow, incurved.....	Oct. 28	25c
GOLDEN GLORY, golden yellow, semi-incurved.....	Oct. 28	25c
CITRONELLA, large light yellow, incurved.....	Oct. 30	25c
GOLDEN WAVE, excellent incurved clear yellow.....	Oct. 30	25c
CHRYSALORA, very large, formal, incurved.....	Oct. 30	30c
TIGER, formal, incurved.....	Oct. 30	30c
COLUMBUS DISPATCH, large deep yellow, incurved.....	Nov. 1	25c

SMITH'S SUPERLATIVE, large deep yellow, incurved.....	Nov. 1	25c
YELLOW ALBATROSS, yellow sport of Albatross.....	Nov. 3	25c
MRS. HELLEN K. JOHNSON, large deep yellow, inc.....	Nov. 3	30c
HARVEST MOON, huge deep yellow, incurved.....	Nov. 3	30c
LADY FRANK CLARK, large, clear yellow, incurved.....	Nov. 10	30c
YELLOW TURNER, huge, incurved, exhibition.....	Nov. 10	30c
GOOD NEWS, yellow sport of Detroit News.....	Nov. 3	25c
CARDONIA, deep golden yellow, incurved.....	Nov. 10	25c
BARBARA PHILLIPS, deep yellow, large, semi-reflex.....	Nov. 10	30c
INDIANAPOLIS YELLOW, large, tall, semi-incurved.....	Nov. 15	30c
HONEYDEW, light yellow, incurved.....	Nov. 20	25c
YELLOW MEFO, tall, large, incurved.....	Nov. 25	30c
MRS. WINTHROP SARGENT, straw colored, loosely inc.....	Nov. 25	25c
YELLOW PEARSON, very large, clear yellow.....	Nov. 25	25c
FRIENDLY CALL, large, formal incurved clear yellow.....	Nov. 25	25c
FRIENDLY RIVAL, deep gold, formal, incurved.....	Nov. 27	25c
YELLOW MONUMENT, large, tall, formal, incurved.....	Nov. 28	25c
GOLDEN NELLIE T. ROSS, deep yellow, incurved.....	Nov. 28	25c
YELLOW CHATTANOOGA, tall, large, incurved.....	Nov. 30	25c
HARVESTER, deep canary yellow, incurved.....	Dec. 5	25c
TOBIN'S LATE YELLOW, semi-incurved, clear color.....	Dec. 15	25c
YELLOW MISTLETOE, large, semi-incurved.....	Dec. 20	25c

(Be sure to include packing and parcel post charges)

Pink and Lavender

Variety.	Blooming date (approx.)	Price each.
LUSTRE, incurved, lavender-pink.....	Oct. 18	25c
JUSTRITE, incurved, lavender-pink.....	Oct. 20	25c
MITY NICE, formal, incurved.....	Oct. 20	25c
PINK CHIEF, pink, incurved.....	Oct. 20	25c
MAJOR BOWES, incurved, rosy pink.....	Oct. 25	25c
SWITH'S ENCHANTRESS, soft pink,, semi-incurved.....	Oct. 28	25c
ROSY MORN, deep pink, incurved.....	Oct. 25	25c
ROSE CHOCHARD, light lavender-pink, incurved.....	Oct. 25	25c
OCTORER GLOW, deep rose, incurved.....	Oct. 25	25c
ROSABELLA, light pink, incurved.....	Oct. 20	25c
GREER GARSON, light pink, tall reflex, outstanding.....	Oct. 28	30c
OLD ROSE, deep lavender-pink, formal, incurved.....	Nov. 5	30c
ROSEUM, dark pink, incurved.....	Nov. 7	25c
OLIVETE, large, irregularly reflexed.....	Nov. 10	30c
LADY KNOX, mauve-pink, semi-reflex, exhibition.....	Nov. 10	30c
J. W. PRINCE, dark pink, formal, incurved.....	Nov. 10	25c
PINK TURNER, light lavender, huge inc. exhib.....	Nov. 10	30c
ELIZABETH ARDEN, pink incurved, silvery reverse.....	Nov. 10	30c
INDIANAPOLIS PINK, deep lavender, incurved.....	Nov. 15	30c
ORCHID QUEEN, orchid-pink, huge incurved exhib.....	Nov. 15	30c
HELEN FRICK, orchid-pink, huge formal incurved.....	Nov. 25	25c
THANKSGIVING PINK, deep pink, reflex, large.....	Nov. 30	25c
PINK MISTLETOE, large, semi-incurved.....	Dec. 20	25c

(Be sure to include packing and parcel post charges)

Bronze and Red

Variety.	Blooming date (approx.)	Price each.
INDIANOLA, light reddish-bronze, incurved.....	Oct. 22	25c
HILDA BERGEN, mahogany, formal, incurved.....	Oct. 25	25c
KEYSTONE, light bronze, formal incurved.....	Oct. 28	30c
IVANHOE, medium sized, reddish-bronze.....	Nov. 5	25c
BRONZE GEM, golden-bronze, formal, incurved.....	Nov. 5	25c
CAMBRIA, deep golden bronze, incurved.....	Nov. 1	25c
DETROIT NEWS, formal incurved, light bronze.....	Nov. 5	25c
APRICOT QUEEN, orange-bronze, incurved.....	Nov. 6	25c
INDIAN CHIEF, reddish-bronze, gold reverse.....	Nov. 10	25c
MR. ALLEN, golden-salmon, tall, reflex.....	Nov. 15	30c
GLITTERS, orange-bronze, formal, incurved.....	Nov. 15	25c
BRONZE ORCHARD QUEEN, bronze sport of Orchid Q.....	Nov. 15	30c
ANACONDA, incurved reddish-bronze, excellent.....	Nov. 18	30c
INDIANAPOLIS BRONZE, tall, deep bronze, incurved.....	Nov. 20	30c
MRS. DAVID ROY, bronzy-crimson, incurved.....	Nov. 20	25c
HARVARD, deep crimson, reflex.....	Nov. 20	25c

GLADYS PEARSON, large tannish-buff, incurved.....	Nov. 25	25c
OAKLEAF, bronze sport of Gladys Pearson.....	Nov. 25	25c
BRONZE FRICK, light salmon-bronze, formal incurved	Nov. 25	25c
GARNET KING, deep dark red, large.....	Nov. 25	25c
MOHAWK, dark garnet red, reflex.....	Nov. 28	25c
BLACKHAWK, dark garnet red, reflex.....	Dec. 1	25c
BRONZE MISTLETOE, bronze sport of Mistletoe.....	Nov. 20	25c

(Be sure to include packing and parcel post charges)

ENGLISH CHRYSANTHEMUMS

Have added a few—and am growing quite a number more to try out this year, but as stated in the preface, since I can grow the truly large greenhouse mums here outside with little protection, I will never concentrate too much on the English strain of mums. However, I imagine I will from time to time be adding a few varieties that for one reason or another I think unusually pretty. With me, they bloom from the third week of October on.

The price of all varieties listed is 30 cents with the exception of Mayford Pink—it is 50 cents and not many plants at that price.

Mayford Pink, said to be the largest of the English strain; will make a really large bloom if disbudded.

Alabaster, fully double, slightly incurved, pure white, best as a disbud. Still at the top as a white.

Gold Standard, deepest yellow, large broad-petaled flowers up to 7 inches if disbudded. I think this one of the best of the English strain.

Alpink, an excellent lavender-pink that did well last year with me.

Indiana, rich velvety crimson. The six-inch blooms are reflex.

Ronald, a new shade of plum-crimson, erect grower, small foilage.

Leda, large heliotrope-pink, slightly recurved with broad petals, disbud or spray; color tends to fade under hot sun.

Alfreton Beauty, large double reflexed bloom of bright golden amber.

Belle Mauve, lovely stiff-stemmed silvery pink blooms. Disbud or spray.

Lutonia, incurved golden amber, holds color well.

Red Invader, deep chestnut red with gold reverse.

Bronze Buttercup, large incurved blooms of rich deep bronze, especially good when disbudded.

Reveller, brightest chestnut-red; best as spray.

China Gold, bright golden bronze with quilled petals, a tall grower with stiff stems—really outstanding but with me blooms a little later than most of the others.

Jean Harlow, bright golden yellow, semi-incurved.

(Be sure to include packing and parcel post charges)

POMPONS, BUTTONS, DECORATIVES and HARDIES

Variety.	Blooming date (approx.)	Price each.
QUEEN CUSHION, white cushion.....	Oct. 5	25c
DEE DEE AHRENS, early cut-flower type.....	Oct. 10	25c
AVALANCHE, outstanding intermediate white.....	Oct. 12	25c
EARLIWHITE, pure white small pompon.....	Oct. 12	25c
SEPTEMBER CLOUD, white, light primrose center.....	Oct. 15	25c
WHITE KNIGHT, ivory-white, decorative, large.....	Oct. 15	25c
CHRIS COLUMBUS, white pompon, yellow buds, excel.	Oct. 15	25c
CANDLELIGHT, creamy-white, decorative pompon.....	Oct. 15	25c
HARBOR LIGHTS, creamy-white, canary center.....	Oct. 15	25c
EARLY WONDER, medium, a decorative, pink tinge.....	Oct. 15	25c
WHITE DOVE, intermediate pompon or button, round	Oct. 15	25c
SERENE, outstanding pure white intermediate.....	Oct. 18	25c
UVALDA, creamy-white, large ball pompon.....	Oct. 20	25c
WHITE JEWEL, pure white round button.....	Oct. 20	25c
SNOW CLOUD, pure white pompon.....	Oct. 20	25c
SILVER <i>Bells</i> , pure white small pom or button.....	Oct. 20	25c
SILVER BALL, pure white, round pompon.....	Oct. 20	25c
COTTON TOP, pure white, intermediate (new).....	Oct. 22	30c
IRENE, small pure white button.....	Oct. 22	25c
POLAR ICE, pure white glistening blooms—good.....	Oct. 25	25c
PINOCCHIO, glistening white button—excellent.....	Oct. 25	30c
MINONG, small button or round pompon.....	Oct. 25	25c
ARCADIA, large pure white ball—outstanding.....	Oct. 30	25c
GRANITE STATE (new) large pompon.....	Oct. 30	30c
WHITE PEARL, medium-sized white ball pompon.....	Oct. 30	25c
SEAGULL, large creamy white ball pompon.....	Nov. 4	25c
SEVEN SISTERS, cluster type, white pompon.....	Nov. 5	25c
WHITE DOTY, ivory white, large round ball.....	Nov. 5	25c
DAINTY MAID, small white button, pink tinge.....	Nov. 5	25c
NANCY CRAIN, new, white button.....	Nov. 8	25c
MARY PICKFORD, medium-sized white button.....	Nov. 10	25c
VESPER, tall intermediate pompon.....	Nov. 15	25c
RICHARD MANDEL, large white ball.....	Nov. 15	25c
REV. HORACE BUSHNELL, ivory-white, tall, int. pom	Nov. 15	30c
CRYSTAL JEWEL, small, pure white, button pompon.....	Nov. 20	25c
MATCHLESS, tall intermediate pompon.....	Nov. 20	25c
SNOW, ivory-white intermediate pompon.....	Dec. 15	25c

(Be sure to include packing and parcel post charges).

Pink, Lavender and Rose

Variety.	Blooming date (approx.)	Price each.
MAJOR CUSHION, best of the pink cushions.....	Oct. 5	25c
ACHIEVEMENT, small salmon-pink pompon, double.....	Oct. 10	25c
DREAM GIRL, outstanding new lav-pink pompon.....	Oct. 15	30c
JAYEFF, 4-in fully double deep pink (new), Excel.....	Oct. 15	30c
HEATHERBLOOM, heather-pink, decorative, excellent.....	Oct. 15	30c
PINK RADIANCE, solft pink, small flower, long stems	Oct. 15	30c
CHIPPEWA, large lavender, incurve.....	Oct. 15	25c
CHO...CHO, earliest deep pink button (new).....	Oct. 15	30c
KARL A. REICHE, small, rose-bengal pompon (new).....	Oct. 18	30c
JEWEL, small, round lavender button—excellent.....	Oct. 18	25c
DARK PINK JEWEL, dark pink sport of above.....	Oct. 18	25c
ALLEGRO, tall, shrimp-pink, decorative.....	Oct. 18	25c
JEAN TREADAWAY, pink decorative, darker cen., good	Oct. 20	25c
LAVENDER LADY, lavender intermediate, decorative	Oct. 22	25c
IRMALINDA, small rose pom or button, tall.....	Oct. 22	25c
MAGNOLIA, soft pink with cream yellow tints. Excel.	Oct. 25	30c
ROSE-A-DORE, rose pink, round pompon, excellent.....	Oct. 25	25c
ROSE GLOW, tall, raspberry-pink small pompon. Fine	Oct. 25	25c
NELLIE KLERIS, pink, round pompon, large.....	Oct. 25	25c
TALLY'S ROSE, deep rose pompon—excellent.....	Oct. 28	25c
PINK PEARL, rose-lavender, round pompon.....	Oct. 28	25c
SYMPHONY, mauve-rose blendings, double, hardy.....	Oct. 28	25c
PINK SARDA, deep rose sport of Pink Dot.....	Oct. 30	25c
PINK DOT, light pink, deeper center, lge. round pom.	Oct. 30	25c

PERSIAN ROSE, deep rose-lavender button, excellent	Oct. 30	25c
CAPT. COOK, deep rose pink pompon	Oct. 30	25c
ISOBEL, deep rose pink round pompon, excellent	Oct. 30	25c
LETITIA, lavender, deeper center, round pompon	Nov. 1	25c
ROSE MANDEL, deep rose, intermediate pom, excel.	Nov. 5	25c
ROSE CHARM, rose sport of pink Doty	Nov. 5	25c
LILLIAN DOTY, popular "pink" Doty, lge. rnd. ball	Nov. 5	25c
FAIR MAID, flesh pink, round pompon	Nov. 5	25c
ANNETTE, light pink button	Nov. 5	25c
MASTERPIECE, tourmaline pink, large pompon	Nov. 20	25c
THYRA, lavender, medium large pompon	Nov. 20	25c
PINK USONA, deep pink, intermediate pompon	Nov. 30	25c
MINUET (new) mauve-rose, round pompon	Nov. 30	30c
PINK TREASURE ISLAND, deep lav.-pink, lge. pompon	Dec. 20	25c

(Be sure to include packing and parcel post charges)

Yellow

Variety.	Blooming date (approx.)	Price each.
SEPTEMBER GOLD, brilliant gold, small ball pompon	Oct. 10	25c
ZANTHA, rich gold, fully double blooms, (new)	Oct. 15	30c
EUGENE A. WANDER, deep yellow, lge. fully dble.	Oct. 15	25c
GOLDEN SURPRISE, chrome-yellow, fully dble. (New)	Oct. 15	30c
CHARLES NYE, (new) deep yellow, lge. rnd. pompon	Oct. 15	30c
ALCONQUIN, deep yellow, intermediate, hardy	Oct. 15	25c
STALWART, bronzy-gold, round, small pom. or button	Oct. 15	25c
GLOMERO, bronzy orange, intermediate pompon	Oct. 18	25c
FRED F. ROCKWELL, (new) orange-bronze pom. Excl.	Oct. 20	30c
FULLBRIGHT, semi-double, bright yellow	Oct. 20	25c
MANDALAY, (new) orange-bronze pompon	Oct. 20	25c
OLIVE LONGLAND, large, salmon-orange, decorative	Oct. 20	25c
CORA P. BUHL, deep yellow 1½ inch pompon	Oct. 20	25c
YELLOW IRENE, clear yellow button pompon	Oct. 20	25c
YELLOW JEWEL, clear yellow, small round pompon	Oct. 22	25c
IMPROVED RODELL, light yellow button, round	Oct. 22	25c
JUDITH ANDERSON, medium-sized, round button, excl.	Oct. 25	25c
JAMES EADIE, tall, double bronzy-yellow (new)	Oct. 28	25c
GOLDEN GEM, deep yellow, round small pompon	Oct. 28	25c
YELLOW ARCADIA, clear yellow, large ball pom. Excl.	Oct. 30	25c
CASSANDRA, (new) orange-bronze, med.-sized pom.	Oct. 30	25c
YELLOW MANDEL, yellow intermediate large pompon	Nov. 1	25c
GOLDEN SPRAY, lemon yellow, intermediate pompon	Nov. 1	25c
YELLOW SEAGULL, large lemon-yellow, ball pompon	Nov. 3	25c
MARY LENNON HALL (Vera Victoria) lge. ball pom.	Nov. 5	25c
YELLOW DOTY, clear yellow, large round ball	Nov. 5	25c
GOLDFINCH, deep golden yellow pompon	Nov. 5	25c
BARCAROLE, (new) intense golden-yellow round ball	Nov. 10	25c
NUGGETS, light lemon yellow, small round pompon	Nov. 10	25c
EVA, one-inch deep yellow round button	Nov. 15	25c
YELLOW BEAUTY, large ball pompon	Nov. 15	25c
VARSIITY, small clear yellow button	Nov. 20	25c
PRINCETON, deep orange-yellow pompon	Nov. 22	25c
GOLDEN SCEPTER, 1-inch, prolific round button, tall	Nov. 22	25c
YELLOW SNOW, the yellow sport of Snow	Dec. 15	25c

(Be sure to include packing and parcel post charges)

Tan, Bronze, Buff and Red

Variety.	Blooming date (approx.)	Price each.
AMBER GLOW, peach, overcast with pink and amber	Oct. 5	25c
DELUX CUSHION, Chinese-red cushion, bushy	Oct. 8	25c
KING CUSHION, clear red cushion, bushy	Oct. 8	25c
COMMANDER CUSHION, reddish-tan cushion, bushy	Oct. 8	25c
GLOWING COALS, deep cherry-red, orange reverse	Oct. 8	25c
SEPTEMBER BRONZE, glistening bronze button	Oct. 10	25c
PYGMY GOLD, cushion type yellow button	Oct. 10	25c
CLARA JAMIESON, bronzy crimson, small pompon	Oct. 15	25c
BURMA, glistening bronze, copper overtones. Excel.	Oct. 15	30c
OLIVE LONGLAND, (new) apricot and salmon, dble.	Oct. 15	25c
MAROON 'N GOLD, mahogany, shaded maroon, gold	Oct. 15	30c

CRIMSON SPLENDOR, crimson-maroon, single yel. cen.	Oct. 15	25c
LITTLE BOB, small, short reddish button.....	Oct. 15	25c
BURGUNDY, wine red, intermediate decorative.....	Oct. 15	25c
CARNIVAL, glowing burnt-orange, new, outstanding.....	Oct. 18	30c
RUTH CUMMINGS, reddish-bronze, double.....	Oct. 18	25c
COURAGEOUS, deep crimson, decorative, lge. flower	Oct. 18	30c
RUBY POMPON, ruby-cerese, intermediate pompon.....	Oct. 18	25c
ROBERT BRYDON, dark garnet red, decorative.....	Oct. 18	25c
RED VELVET, velvety crimson pompon.....	Oct. 18	25c
EMBER, bronze, coral and orange shades, decorative	Oct. 20	25c
BOKHARA, soft crimson and wine, double (new).....	Oct. 20	25c
RED FLARE, a good clear red, double.....	Oct. 20	25c
RONNIE, (new) wine red, small button, erect grower	Oct. 20	25c
MRS. PIERRE S. DUPONT, tannish-peach, decorative.....	Oct. 20	25c
CYDONIA, orange-mahogany, decorative.....	Oct. 20	25c
BRONZE PYRAMID, (new) double orange-bronze.....	Oct. 25	30c
BRONZE GEM, clear shining bronze button, excel.....	Oct. 30	25c
CUTIE, tiny red button, upright plant. Excellent.....	Oct. 30	25c
AUTUMN LIGHTS, coppery-bronze, bushy.....	Oct. 30	25c
CRIMSON GLOW, crimson maroon, near-single.....	Oct. 30	25c
JEMINA, large round bronze pompon.....	Oct. 30	25c
FIREBIRD, reddish-bronze, medium, decorative.....	Oct. 30	25c
ETHEL, tannish red, small button.....	Oct. 30	25c
RED DOTY, red and buff mixture, lge. round pompon	Nov. 5	25c
BRONZE DOTY, med. shade of bronze, lge. round ball	Nov. 5	25c
JULIO, pompeian red, small round pompon.....	Nov. 5	25c
PASEDENA, bronze orange pompon, decorative.....	Nov. 5	25c
GOBLIN, gold and bronze, intermediate round pom.....	Nov. 8	25c
HERITAGE, deep reddish-bronze button.....	Nov. 12	25c
NEW YORK, large buff button with crimson center	Nov. 12	25c
ROBIN HOOD, medium sized dark red pompon.....	Nov. 15	25c
SOURCE D'Or, burnt-orange, large round pompon.....	Nov. 18	25c
JENNINGS BRONZE, deep bronze pompon, decorative	Nov. 18	25c
JOAN WELLS (sport of Pink Dot) apricot center.....	Nov. 20	25c
COPPERCLAD, glistening coppery-bronze, small button	Nov. 20	25c
BRONZE MASTERPIECE, shining bronze, large pompon	Nov. 25	25c
PETER PAN, very small glistening bronze but., bushy	Nov. 25	25c
JOYCE, burnt orange, large button.....	Nov. 28	25c

(Be sure to include packing and parcel pos tcharges)

SINGLES, NEAR-SINGLES AND KOREANS

Variety.	Blooming date (approx.)	Price each.
PSYCHE, light pink single daisy.....	Oct. 8	25c
SILVER MOON, single, white daisy.....	Oct. 12	25c
HEBE, silvery-pink, single daisy.....		
CERES, light tan single.....	Oct. 15	25c
JANE KELSEY, deeper pink daisy, single, large.....	Oct. 15	25c
KING MIDAS, clear yellow, decorative.....	Oct. 18	25c
CALIFORNIA BRONZE DAISY, bright yellow, single.....	Oct. 20	25c
CALIFORNIA YELLOW DAISY, bright yellow, single.....	Oct. 20	25c
KASHIMA, red California single daisy.....	Oct. 20	25c
NAGONA, white California single daisy.....	Oct. 20	25c
NEW DAPHNE, brilliant lavender daisy—excellent.....	Oct. 20	25c
CRIMSON SPLENDOR, crimson-garnet, near single.....	Oct. 20	25c
VENUS, Rhodanthe-pink, near-single.....	Oct. 20	25c
APOLLO, bronze-red, single daisy.....	Oct. 20	25c
VIVID, deep fuschia, near-single.....	Oct. 20	25c
CALIPH, deep red, intermediate, decorative.....	Oct. 22	25c
OCTOBER Pink, light lavender, near single.....	Oct. 25	25c
ROSE BUCKINGHAM, large, rose daisy. Good.....	Nov. 1	25c
MELBA, large, reddish-bronze, near single. Excellent	Nov. 10	25c
RED MELBA, deeper shade of red than above. Excel.	Nov. 10	25c
MRS. W. E. BUCKINGHAM, almost true pink daisy.....	Nov. 10	25c
MASON'S RED, crimson-orange, large single.....	Nov. 10	25c
MASON'S BRONZE, large bronze single.....	Nov. 10	25c
BRONZE BUCKINGHAM, light bronze daisy.....	Nov. 10	25c
MRS. C. E. TREADWELL, tall white single.....	Nov. 15	25c
MENSA, large, pure white daisy. Excellent.....	Nov. 15	25c
PINK MENSA, pink sport of above.....	Nov. 15	25c

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INSECT AND FUNGUS PROBLEMS LIKELY TO BE ENCOUNTERED IN GROWING OUTSIDE MUMS, AND A PRACTICAL METHOD OF CON- TROLLING SAME.

While the chrysanthemum when grown commercially under glass is usually given a complete spray program, the small—and often amateur, grower of mums in yard or garden finds it difficult to “figure out” a small, inexpensive spray rig and spray program that will insure perfect blooms in the fall.

Until recently it has been possible to grow fine mums in the open yard or garden with little trouble from insect enemies or fungus diseases, and as a result most small growers did little spraying.

However, it now appears that the Thrip and Septoria—the fungus disease that causes dead leaves and often referred to as “Leaf-Spot,” will play an increasingly large part in the game of growing mums outside in the Southern States. Unless one sprays for these two enemies (one insect and one fungus) the results in the fall will be mediocre at best, and if the summer has been wet and the fall unusually warm, then the result will be a complete failure. The stalks will have dead leaves almost all the way up to the top, and the bloom will be only partly open and appear to be “blighted.”

This condition seems to be wide-spread throughout the country, and from the many letters I receive, it appears that most people do not know the real cause for “dead leaves” and “blighted” blooms. It is with a view of helping this situation that I am sending this little leaflet along with my mum catalogue.

The Thrip is a very small insect about the size of No. 100 silk thread (and that is very small), and about 1/16th of an inch long. At first they attacked the Gladiolus, but in the past few years have taken to the mum as well. They do not cause too much damage to the foliage along during the summer, but when the buds form they move up to the top of the plant, and when the petals start to unfold in late summer or fall they enter the partially open bud. In between the petals they are safe and from this vantage point they feed on the juice of the petals—inserting their bill into the petal near the base and sucking the juice out. Examination of a half-opened bloom that has Thrip will usually show the yellowish-brown stains near the base of the petals, where the Thrip has punctured the petal and sucked the juice. Petals thus attacked cease to grow, turn brown at the tips, then turn black and finally rot sets in. Many people think this is due to a “blight” or “rot” whereas the tiny Thrip is the real cause of it. While difficult to see, owing to their small size, if one will tear an infected bloom to pieces over a sheet of white paper, then remove the petals from the paper, a number of Thrip will usually be seen moving about on the paper. The very young will be a clear yellow, the half-grown ones brown, and the mature ones almost black. They move in quick bursts of speed, and often appear to jump (actually they fly but it is almost impossible to see their wings). This habit has earned for them the nickname “Flips” in many greenhouses.

The Septoria or Leaf-Spot is a fungus disease and can not be seen, but its presence can be detected by the

progressive dying of the leaves—often well over half way up the stalk by blooming time, and in bad cases all the way right up to the bud.

To combat this condition I found I also needed some cheap, light and easily-operated spray rig, and a spray that I did not have to "figure out" the correct proportions every time I wanted to do a little spraying. As previously stated, I imagine thousands of flower growers and gardeners have been faced with the same situation.

Fortunately for us all, the DuPont people have solved our problem for us by putting out a "dust" that will control most insects and fungus diseases. They have combined several of the best fungicides and insecticides into one spray which they market under the name of FLORAL DUST. This dust is packaged in three sizes—the small 8-ounce size with puffer gun (which can be refilled), the 1-pound canister with sifter top, and the 4-pound package retailing for 79c, \$1.15 and \$3.50 respectively.

Now it may be that you have never been troubled with either insect enemies or fungus diseases of the mum (in which case you are certainly to be congratulated), or it may be that you prefer to use one of the large standard spray rigs that use a liquid spray—usually prepared in 50 gallon lots. In either of these cases the following does not apply—

BUT, if you are one of the many thousands who have experienced these troubles with your mums—or garden truck as well, then take my advice and get a supply of FLORAL DUST and use it according to directions. Also, if you grow a fair-sized garden (flowers and/or vegetables) it would probably pay you to get the 4-pound package and a special dust gun which they put out for around \$2.00. I keep one on my work bench all the time. Your local DuPont representative will be glad to get them for you if he does not already have them—they are inexpensive; a few dollars will cover the whole layout.

If you will do this and use according to directions—on your mums as well as any new ones you may get from me, then this fall I will not get a letter from you, complaining about "most of the leaves dying" and the blooms "blighting."

I believe the above is clear and understandable, but if you have other questions anent the same I will do my best to answer them.

F. A. Spivey,
"The Chrysanthemum Man"
Box 574, Montgomery, Ala.

YELLOW MENSA, the yellow sport of Mensa. Excel.	Nov. 15	25c
VALENCIA, large, tall, peach-pink single. Outstanding	Nov. 25	25c
DARK PINK VALENCIA, the dark pink sport of above	Nov. 25	25c
APRICOT VALENCIA, the apricot sport of Valencia	Nov. 25	25c
JANE, the buff yellow sport of Valencia	Nov. 25	25c
GOLDEN JANE, deeper shade of yellow than Jane	Nov. 25	25c
HASEGAWA PINK, lavender-pink intermediate single	Nov. 30	25c
HASEGAWA RED, poinsetta-red, single, tall. Outstand.	Nov. 30	25c

(Be sure to include packing and parcel post charges)

ANEMONES

Variety.	Blooming date (approx.)	Price each.
GRACELAND, white petals, yellow cushion	Oct. 28	25c
BLANCHE, white petals, yellow cushion	Oct. 28	25c
BETTY ROSE, pink petals and cushion	Nov. 5	25c
IZOLA, even shade of amaranth	Nov. 8	25c
LONG ISLAND BEAUTY, large white, yellow cushion	Nov. 10	25c
STOPLIGHT, terra-cotta petals, yellow cushion	Nov. 12	25c
FIREFLY, orange-scarlet throughout	Nov. 12	25c
SUNRAY, lemon-yellow intermediate	Nov. 15	25c
LINDA LOU, lavender petals, yellow cushion, small	Nov. 15	25c
TUXEDO, large flower, delicate pink shade	Nov. 15	25c
BRONZE TUXEDO, bronze sport of above	Nov. 15	25c
THE TITAN, scarlet crimson, large yellow cushion	Nov. 15	25c
ESTRELITA, orange-yellow, full cushion	Nov. 20	25c
BRONZE ESTRELITA, the bronzy sport of above	Nov. 20	25c
FREIDA, large, clear pink, yellow cushion. Outstand.	Nov. 20	25c
DARK PINK FREIDA, deep lavender sport of above	Nov. 20	25c
BRONZE FREIDA, salmon-bronze sport of Freida	Nov. 20	25c
WHITE FREIDA, the white sport of Freida	Nov. 20	25c
HELIOS, large, deep golden yellow	Nov. 20	25c
ORCHID BEAUTY, orchid, golden cushion	Nov. 20	25c
NORMA, light pink petals, salmon cushion, large	Nov. 25	25c
SUZANNE MILLER, buff sport of Norma	Nov. 25	25c
BRONZE NORMA, the bronze sport of Norma	Nov. 25	25c
NEW GOLD, clear yellow petals and cushion	Nov. 25	25c
ROLINDA, prolific bronze, fine sprays	Nov. 25	25c
RED ROLINDA, the red sport of Dolinda	Nov. 25	25c
JAKE'S ROSE SUPREME, deep rose	Dec. 1	25c
BRONZE SUPREME, the bronze sport of Supreme	Dec. 1	25c
YELLOW SUPREME, the yellow sport of Supreme	Dec. 1	25c
WHITE SUPREME, the white sport of Supreme	Dec. 1	25c
RED SUPREME, the red sport of Supreme	Dec. 1	25c

(Be sure to include packing and parcel post charges)

ODD-FORMED VARIETIES

(Spiders and Spoons)

Variety.	Blooming date (approx.)	Price each.
KAY TASHIMA, white, with occasional lavender tinge	Oct. 15	25c
LOVELINESS, carmine-pink spoon	Oct. 18	30c
PINK CACTUS, lavender-pink	Oct. 25	25c
ROSE SPOON, clear pinkish rose spoon	Oct. 25	25c
FUSCHIA SPOON, a clear fuschia-pink spoon	Oct. 18	25c
IVORY SPOON, white, but with an ivory overcast	Oct. 20	25c
APRICOT SPOON, a mixture of salmon, apricot, bronze	Oct. 25	25c
RAYONANTE, rose pink, long cord-like petals	Oct. 28	30c
SALMON RAYONANTE, pink with salmon tints	Oct. 28	30c
MISS GENA HARWOOD, rosy-mauve sport of Rayonante	Oct. 28	30c
SOUVENIR, light salmon-pink spider	Nov. 1	30c
PEGGY ANN HOOVER, pink spider. Excellent	Nov. 5	25c
BUNBU, orchid-lavender spider, hooked petals	Nov. 5	30c
OHKWAN, large yellow spider	Nov. 10	25c
ALBERT WITT, yellow sport of Bess Witt	Nov. 10	25c
MAMORU, dark orange-bronze spider. Outstanding	Nov. 10	30c
WHITE CACTUS, tall, cactus-like	Nov. 15	25c
YELLOW CACTUS, tall, cactus-like	Nov. 15	25c
SILVER DROPS, pure white spider, large	Nov. 15	25c

UNIQUE, deep wine red, long petals.....	Nov. 20	30c
FUGI SPORT, the wine colored sport of Fugi.....	Nov. 20	25c
PURPLE SPIDER, long purplish-red petals.....	Nov. 30	25c

(Be sure to include packing and parcel post charges)

NORTHLAND DAISIES

Variety.	Blooming date (approx.)	Price each.
ASTRID, shell pink daisy, hardy, low-growing.....	Oct. 15	25c
KRISTINA, American-beauty rose, large single. Fine	Oct. 15	25c
SEIGFRIED, tannish-yellow daisy. Very large.....	Oct. 18	25c
Mt. KING, light tannish-bronze daisy.....	Oct. 18	25c
VIKING, tannish-salmon daisy, single.....	Oct. 18	25c

(Be sure to include packing and parcel post charges)

NOTE:—If you can use any varieties in lots of 12 or 25 of ONE variety (or multiples thereof), please write for prices, stating the varieties you are interested in. Remember, however, it must be of one variety. One or two is at the single rate no matter how many plants are ordered. It takes 12 to get the dozen rate and 25 to get the next rate. Hundred lots can usually be quoted a little cheaper even than the 25 lots.

While the chrysanthemum is my true love, I am not prejudiced against other flowers, and when I see something that I particularly like I add it to my collection. Occasionally I get more of some item than I have space for (my space is limited), and so am willing to pass the surplus along to my many flower-minded friends and customers. Last year I had several items surplus. This year I have the single item below.

LYCORIS, Radiata: (formerly classified as **NERINE**, *Sarniensis*, or *Guernsey Lily*). This lily is truly regal, blooming as it does in the fall when the garden is usually bare of color. The bloom spike emerges from the soil before any foliage appears. The spike is from 10 to 16 inches tall and the typical lily-like blooms are watermelon red and particularly attractive. The strap-like, typical bulb foliage follows the bloom, and lasts throughout the winter. Hot weather causes the foliage to die down, and the bulbs stay dormant until the following September. One point to remember—the bulbs must be planted very shallow or you will get no blooms; barely cover the bulb with soil—that is enough. \$1.25 per dozen bulbs delivered, or \$6.00 per hundred by express collect. Shipment in May or early June so bulbs can bloom the following September.